

Hamsplatter

June 1999

Volume 28 Issue 6

Officers

President:

Bill Stockslager
N9WS 471-5492

Vice President:

Wayne Bergamino
KB9OZH 482-1967

Secretary:

Al Burke
WB9SSE 637-1989

Treasurer:

Bob Streefer
W8ST 672-9737

Communications

Manager:

Steve Nardin
WB9ZIY 483-4039

Board of Directors

Carole Burke
WB9RUS 637-1989

Carl Rittenhouse
N9NRO 485-4012

Clint Stedge
KB9LOF 485-4067

Jim Machamer
KB9DOS 485-8559

HAMSPLATTER is published monthly by the Fort Wayne Radio Club, PO Box 15127 Fort Wayne, IN 46885 <http://home1.gte.net/n9iww2/fwrc/>.

HAMSPLATTER is produced on a Macintosh 8500 using Adobe PageMaker.

Editor:

Vic Guess
WB9UZA 485-7472
WB9UZA at aol.com

President's Corner



We all had a good time at the Spring Banquet at the May club meeting. The food was good and plentiful. A very interesting talk by Dave Macy was the entertainment for the evening. There were about 40 members at the banquet.

For those of you who made the Dayton Hamvention this year you were provided some beautiful weather to go with the event. I noted that there appeared to be less people there this year. Seems to be a trend at hamfests and such. Nevertheless, there was plenty to see and many temptations for all to spend the few bucks set aside (and more) for ham shack items.

Field day this year will be on June 26 and 27 at the Girl Scout camp at Camp McMillen. At present we are planning on running 2 HF and one VHF/UHF station for a category 2A site. We are also planning on a catered hog roast and picnic for 4:00 PM on Saturday, June 26, with plenty for all to eat. The cost of the picnic will be \$6.00 per adult and \$3.00 for children under 12. Tickets need to be purchased in advance. So pick yours up at the June club meeting on June 18th or order yours by calling Carole Burke (WB9RUS) at 637-1989 no later than June 18. Each family is requested to bring a dessert to share. See the maps in

What's Inside

Spring Banquet Photos	Pg. 2
Map to FWRC 1999 Field Day Site	Pg. 2
E-mail Delivery of Hamsplatter	pg. 3
Terrestrial Sarex Contact A Success	pg. 3
Enlarged View of Camp McMillen	pg. 4
ARISS Readies Ham Antennas For Space	pg. 5
League Urges FCC To Expedite Restructuring	pg. 5
June Indiana VE Exams	pg. 6
F5 Tornado Facts	pg. 6
Spectrum Protection bill collects cosponsors	pg. 6
FCC's Hollingsworth Is Dayton's Man Of The Hour	pg. 7
Morse Debate Makes Page 1 Of Wall Street Journal	pg. 7
For Sale	pg. 8
Battery Recycling Program Begun	pg. 8
SETI@Home Project	pg. 8
Upcoming Regional Hamfests	pg. 8

this Hamsplatter for directions to the field day site. Plan on attending this fun filled event.

Our club has been requested to support a Walkathon for the American Diabetes Association to be conducted on Saturday, June 19th, in Ft. Wayne. Support will be needed from 9:00 AM to about 12:30. Six to eight volunteers are needed. Contact Wayne Bergamino (KB9OZH) 482-1967 for details. There will be a planning meeting on Monday, June 14 at 7:30 PM at a site to be determined (contact Wayne).

Next Regular Meeting will be on Friday, June 18 at 7:30 PM. The program following the meeting will be a presentation on amateur radio on the international space station by Wayne Bergamino (KB9OZH).

See you there!

73s

Bill Stockslager (N9WS)

**Next Club Meeting - Friday,
June 18, 1999, 7:30 PM
Good Shepherd United
Methodist Church, corner
of Vance Ave. & Reed Rd.**

**Program: Amateur Radio
on the International Space
Station.**

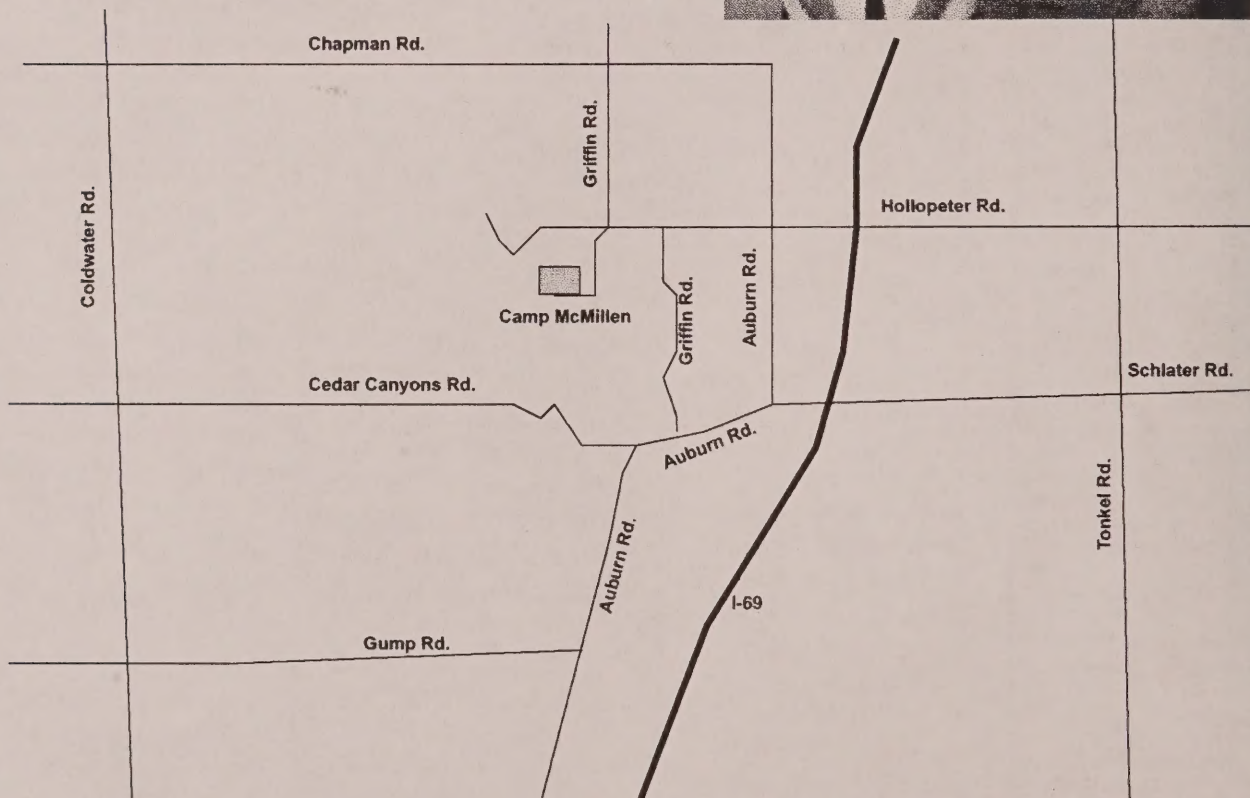


Spring Banquet

Note: There was no business conducted at the Spring Banquet so there are no May meeting minutes. There was however, plenty of food. After the dinner we had an excellent program presented by Fort Wayne's Morning Mouth, Dave Macy from WOWO radio.



Map to FWRC 1999 Field Day Site - Camp McMillen



E-mail Delivery of Hamsplatter

In order to reduce mailing costs, Fort Wayne Radio Club is making a renewed effort to promote delivery of Hamsplatter via e-mail. We have been doing this on a trial basis for several months and now we wish to expand the program. The main benefit to the club is reduced postage cost and the main benefit to members is earlier delivery. And oh yes, it will have some color clip art from time to time. Please note that another option is to download a copy from our club web site. Some of you may prefer this method since there is no large file sitting in your e-mail queue.

In order to receive Hamsplatter via e-mail you will need an e-mail service that permits enclosures and a copy of Adobe Acrobat Reader. Acrobat Reader is a free download from the Adobe web site: <http://www.adobe.com/>. (You probably already have a copy.) It is also available on the FWRC web site: <http://home1.gte.net/n9iww2/fwrc/>.

A test e-mail message was sent out to those of you who we have e-mail addresses for. So far we have 26 members signed up for e-mail delivery and one for web delivery. I know that there are other members who have e-mail addresses but they are not in our membership roster. If you would like to receive Hamsplatter via e-mail please send an e-mail message selecting one of the following three options to WB9UZA@aol.com:

1. I wish to receive (or continue to receive) Hamsplatter via e-mail.
2. I wish to continue to receive a mailed copy.
3. I wish to just download Hamsplatter from the club web site. (no e-mail copy needed)

When the test message was sent out to those of you who we have e-mail addresses for, a number of them "bounced" indicating a bad address. If you have an e-mail address that can receive personal mail, please send it to the club secretary, Al Burke: [mailto: "Al Burke" 71621.3335@compuserve.com](mailto:Al%20Burke%2071621.3335@compuserve.com). Also please inform the secretary whenever your e-mail address changes.

Printing costs for Hamsplatter are about \$0.26/copy and postage is \$0.33 for a total of \$0.59/copy. The 27 members who signed up for either e-mail or web delivery will save the club $\$0.59 \times 12 \times 27 = \$191.16/\text{yr}$.

Vic Guess, WB9UZA
Hamsplatter Editor

Terrestrial Sarex Contact A Success

from *The ARRL Letter*

What's it like to travel in space? How does one become an astronaut? Does food taste different in space? That's what students from Holloman Middle School wanted to know when they spoke via Amateur Radio on May 24 with astronaut Dr Laurel Clark, KC5ZSU. The 20-meter contact between W5RRR at Johnson Space Center in Texas and the Alamogordo Amateur Radio Club's K5LRW lasted approximately 45 minutes.

The students asked very thought-provoking questions," said Clark. Those questions included some she wasn't expecting. The students, who attend school on Holloman Air Force Base, were intrigued by her military experience and how it related to her astronaut career.

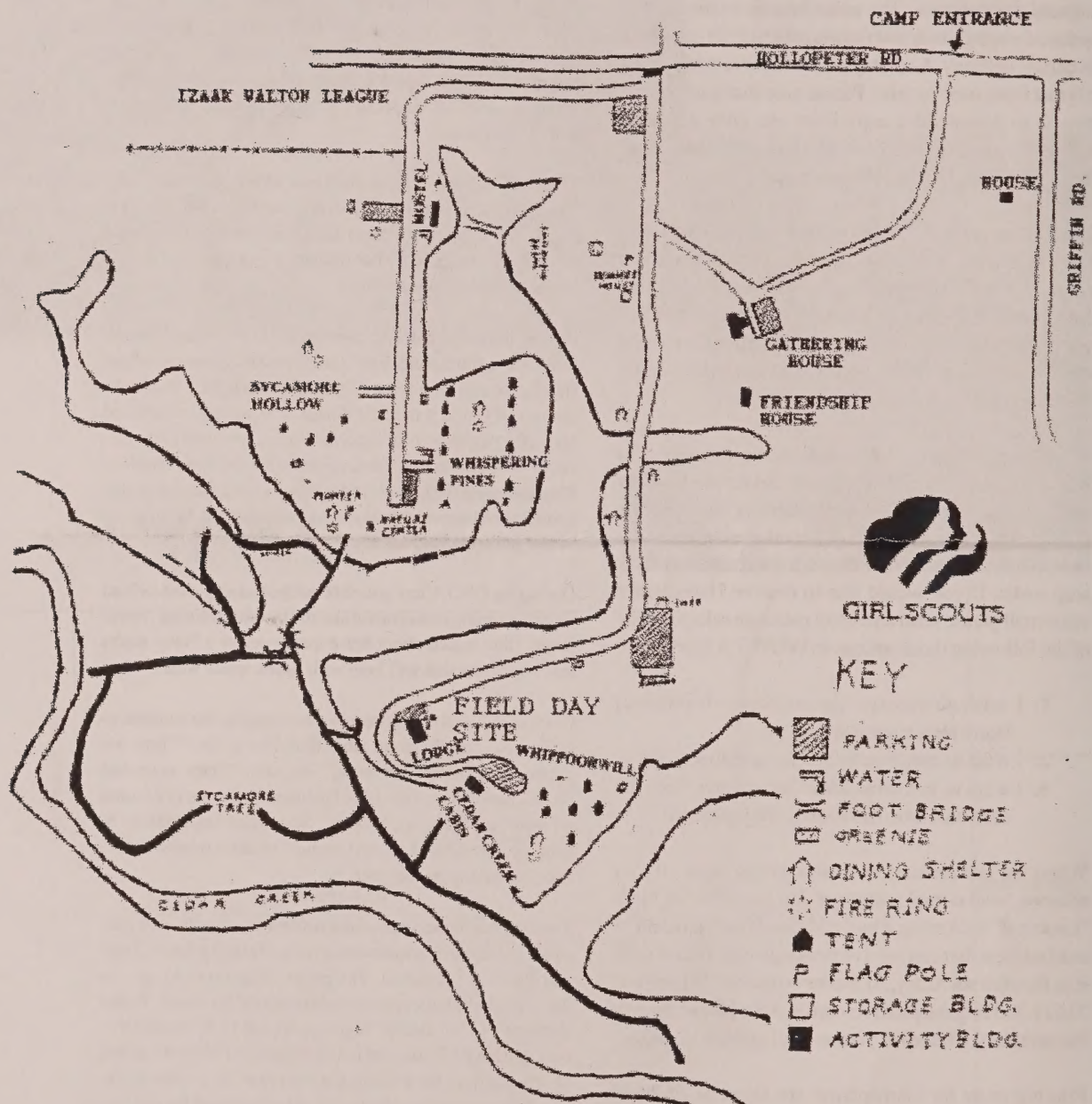
During the contact, Clark compared life on a space station to life on a submarine. The students asked questions about short-term and long-term effects of spaceflight, a particular interest of Clark, a medical doctor. The students wondered about the psychological aspects of being away on long missions—the effects on both the astronauts and their families. She discussed the impact to her family life and how it was similar to military missions and mentioned the risks involved in any job and everyday life.

During the QSO, Clark talked about the training she received since becoming an astronaut and the fact that training "never stops." She talked about her experiences as a Navy scuba diver and how that will help with future space walks.

Clark concluded the contact by encouraging the students to study hard and focus on what they like to do. "There are many opportunities out there," she said. "There is no one profession or course of study that guarantees one to become an astronaut. Few are picked." She urged the students to "choose a profession that you enjoy" because people tend to excel in the things they like.

This marked the second school contact of a new NASA educational outreach program that evolved from the Space Amateur Radio EXperiment. The project began in response to the overwhelming popularity of the SAREX project. With a shortage of new shuttle flights available to fly SAREX—only one SAREX mission is scheduled for 1999—a number of schools have been waiting a long time for a school contact. This project has advantages at both ends of the contact. It not only helps to alleviate the long wait for a SAREX-type contact, it also provides training for future crews of the International Space Station. The next contact, with Harbor View Elementary School in Newport Beach, California, is scheduled for the first week of June.—thanks to Matt Bordelon, KC5BTL

McMILLEN PROGRAM CENTER
GIRL SCOUTS OF LIMBERLOST COUNCIL, INC.



ARISS Readies Ham Antennas For Space

from *The ARRL Letter*

There's been recent forward progress in activities to establish a permanent Amateur Radio presence in space aboard the International Space Station. Training models—or "mockups"—have been prepared of the antennas that eventually will be deployed for Amateur Radio on the International Space Station, and pattern testing is under way on some antenna systems. Four flight antenna systems are being developed to support Amateur Radio operation from the ISS on 20, 15, 10, and 2 meters, plus 70 cm, L-band and S-band.

"The ARISS international team has made tremendous progress on the design, development and flight qualification of an antenna system," ARISS Administrative Chairman Frank Bauer, KA3HDO, said this week.

The antenna system being developed for ISS includes a dualband VHF/UHF antenna, a multiband microwave antenna, and a diplexer mounted on a plate that attaches to an extra vehicular activity handrail clamping device. These four antenna systems will attach to four bulkhead Service Module feedthroughs, made available to the ARISS international team through the efforts of Sergej Sambourov, RV3DR. Russian space officials said this week that Russia will not pull out of its ISS commitments because of that country's opposition to the NATO campaign in Yugoslavia.

The VHF/UHF and HF antennas were developed by the ARISS team members in the US. They use a flexible measuring tape covered with yellow Kapton as the driven element. A large circular piece of Delrin provides a solid mounting interface and houses the connector and attachment hardware. The design is very robust and has no sharp edges. The microwave antenna system, developed by the Italian ARISS team, will support L-band and S-band operation.

The microwave antenna design chosen by the ARISS team is a flat spiral antenna. This dual-use antenna—intended for ham operations as well as NASA/Energia use—also enables the ISS crew to transmit and receive local video during space walks. A diplexer, designed and developed by the Italian team, provides an efficient split in radio signals between the lower frequency (HF/VHF/UHF) antenna and the microwave antenna. The antennas, diplexer, EVA "clothespin-type" handrail clamp, and the various coaxial cable connections will be integrated in the US on an antenna system plate developed by the US team, Bauer said.

The four antenna systems being developed for flight will be installed around the perimeter of the Russian developed Service Module, which will serve as an orbiting outpost for the ISS crew. A "high fidelity" EVA mockup developed by the AMSAT-NA/Goddard Amateur Radio Club team in Washington, DC, has been delivered to Matt Bordelon, KC5BTL, in Houston for evaluation by the NASA Johnson Space Center EVA engineers.

The microwave antenna system is currently undergoing a series of antenna pattern measurements at the NASA Goddard Space

Flight Center in Greenbelt, Maryland. Former US astronaut and AMSAT member Ron Parise, WA4SIR, is leading a team of hams from Goddard's Microwave Branch in the test activity. Once antenna testing is completed, the Italian team, led by Fabrizio Bernadini, I0QIT, will move ahead with the final flight antenna fabrication. All Amateur Radio initial station hardware is slated for launch on the STS-101 mission.

League Urges FCC To Expedite Restructuring

from *The ARRL Letter*

The ARRL has urged the FCC to act "without delay" on Amateur Radio restructuring and has suggested that the Commission adopt the League's restructuring plan as its own in order to speed up the process. In a May 19 letter to the FCC, the League said that the state of limbo created by the current FCC Amateur Radio restructuring proceeding, WT Docket 98-143, is stifling Amateur Radio's growth, as current and prospective hams await an FCC Report and Order.

The League asked the FCC to adopt the League's restructuring plan in a Report and Order "at the earliest possible time."

The ARRL told the FCC that its comprehensive plan of four license classes and two Morse code testing tiers—5 WPM and 12 WPM—plus refarming of the Novice/Technician

Plus HF CW subbands "constitutes a reasonable middle ground proposal." The ARRL's restructuring proposal formed the core of the League's comments to the FCC on WT 98-143, which the FCC refers to as the Part 97 Biennial Review.

Both the FCC and ARRL proposals would eliminate the Novice and Tech Plus licenses. The ARRL's letter stressed that "refarming" of the Novice class subbands was "the most critical portion of the League's comprehensive plan, or, indeed, of any license restructuring plan the Commission may adopt." The League said refarming was essential to make room for anticipated additional licensees using SSB HF subbands. In addition, the League said, refarming "is absolutely necessary to preserve and enhance the incentive self-training program" and to ensure more efficient use of limited HF allocations. Under the League's plan, General, Advanced, and Extra class licensees would get additional HF spectrum for phone operation.

The League said that adopting its restructuring plan in toto was "the best means of accomplishing increased growth in the Amateur Service" and of continuing Amateur Radio's value as a "cornerstone of telecommunications development."

The League also took the opportunity to express appreciation for the support for the Amateur Service by both FCC Chairman William Kennard and WT Chief Thomas Sugrue and to thank the FCC for the renewed enforcement efforts of Compliance and Information Bureau Chief Richard Lee and CIB Legal Advisor Riley Hollingsworth, K4ZDH.

**...four license classes
and two Morse code
testing tiers—5 WPM and
12 WPM—plus refarming
of the Novice/Technician
Plus HF CW subbands...**

June VE Exams

12-Jun-1999

Sponsor: PORTER COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: WILLIAM PETERSON
(219) 762-2887
VEC: ARRL/VEC
Location: 1ST BAPTIST CHURCH
1401 W PORTER AVE
CHESTERTON, IN 46304

12-Jun-1999

Sponsor: HAMILTON CO ARES
Time: 8:00 PM (No walk-ins)
Contact: STEVEN P HENKE
(317) 578-0304
VEC: ARRL/VEC
Location: INDIANA AUTOMATION
INC
8001 E 196TH ST
NOBLESVILLE, IN 46060

15-Jun-1999

Sponsor: UNSPONSORED
Time: 6:30 PM (No walk-ins)
Contact: TERRY L MILLER
(765) 457-2449
VEC: ARRL/VEC
Location: UAW LOCAL 1166
2761 N 50 EAST RD
APPOINTMENTS ONLY
KOKOMO, IN 46902

19-Jun-1999

Sponsor: TRI STATE ARS
Time: 09:00AM (Walk-ins allowed)
Contact: TERRY L BROOKS
(812) 421-9135
VEC: ARRL/VEC
Location: AMERICAN RED CROSS
111 E DIAMOND AVE
EVANSVILLE, IN 47711

19-Jun-1999

Sponsor: MID STATE ARC
Time: 9:30 AM (Walk-ins allowed)
Contact: DAVID A WENDT
(317) 974-1488
VEC: ARRL/VEC
Location: JOHNSON COUNTY
EMERGENCY OPS CENTER IN
BASEMENT
1100 HOSPITAL RD
FRANKLIN, IN 46131
19-Jun-1999

Sponsor: MICHIGAN CITY ARC
Time: 08:00AM (Walk-ins allowed)
Contact: ROBERT A LYLES
(219) 874-3386
VEC: ARRL/VEC
Location:
RED CROSS CHAPTERHOUSE
232 E 8TH ST
MICHIGAN CITY, IN 46360

19-Jun-1999

Sponsor: JAY COUNTY VE TEAM
Time: 4:00 PM (Walk-ins allowed)
Contact: ROBERT E SOURS
(219) 726-7721
VEC: ARRL/VEC
Location: JAY COUNTY PUBLIC
LIBRARY
315 N SHIP ST
PORTLAND, IN 47371

20-Jun-1999

Sponsor: LAKE COUNTY ARC
HAMFEST
Time: 08:00AM (Walk-ins allowed)
Contact: CHARLES SUFANA
(219) 923-8308
VEC: ARRL/VEC
Location:
LAKE COUNTY FAIR GROUNDS
889 S COURT ST
SOUTH SIDE
CROWN POINT, IN 46307

26-Jun-1999

Sponsor: W5YI
Time: (No walk-ins)
Contact: G CURTIS VAN DE WATER
(219) 858-2474
VEC: W5YI VEC
Location: CAN ALSO CALL 219-267-
5400 FOR
TEST LOCATION & TIME
WARSAW, IN 46580

03-Jul-1999

Sponsor: BLOOMINGTON ARC INC
Time: 11:30AM (Walk-ins allowed)
Contact: MILLARD H QUALLS
(812) 332-0074
VEC: ARRL/VEC
Location: FIRST BAPTIST UNITED
CHURCH OF CHRIST LIBRARY
2420 E 3RD ST
BLOOMINGTON, IN 47401

03-Jul-1999

Sponsor: UNSPONSORED
Time: 09:00AM (Walk-ins allowed)
Contact: PEGGY COULTER
(765) 288-0481
VEC: ARRL/VEC
Location: CIVIL DEFENSE BUILD-
ING
SW CORNER STATE RD 3 & 100 N
NEW CASTLE, IN 47362

If your test session is not listed on here for the inclusive dates you will need to contact the ARRL to be on their schedule. In the interest of Hoosier hams I will publish corrections or omissions as received. 73 de ka9qwc

F5 Tornado Facts

Some other interesting facts about the F5 twister in Oklahoma City last month

The top wind speed was 318 miles per hour, the highest ever documented on earth.

The energy released by the storm was the equivalent of the atom bomb dropped on Hiroshima ONCE EVERY SECOND!!!

Not only were trees uprooted but grass was pulled from the ground, even asphalt streets were stripped of their asphalt in places.

The storm was one mile across and three miles high (and actually contained several smaller tornadoes along with the big one.)

Spectrum Protection Bill Collects Cosponsors

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, reports that as of May 7, there were 49 cosponsors on HR 783, The Amateur Radio Spectrum Protection Act. Recent cosponsors include Rep Tom Davis of Virginia, the Republican Congressional Campaign Committee chairman.

FCC's Hollingsworth Is Dayton's Man Of The Hour

from *The ARRL Letter*

The FCC's Riley Hollingsworth, K4ZDH, exhorted a standing-room-only crowd at the Dayton Hamvention to "read over the basis and purpose of Amateur Radio and the rules in Part 97" and to operate as if youngsters and overseas stations might be listening in. He made the remarks Friday during the first of two FCC forums in Hara Arena.

Calling Amateur Radio "an American institution," Hollingsworth momentarily assumed the mantle of the ham radio evangelist. Ham radio, he said, is "not about the First Amendment, it's not about slandering somebody you don't like, it's not about ridiculing somebody who's operating 10 kHz away, it's not about jamming or obscenity." Nor, he said, is it intended to be a talk show or an "electromagnetic forum for hate groups" or "an audio version of The Jerry Springer Show."

Hollingsworth called the on-air activities of some hams "childish and stupid" and said the hobby does not always present its best face to the world. He also said hams need to understand that demand for HF spectrum in countries outside the US is increasing.

"Too many in our service take the allocations for granted," he said. "Some of the Third World countries would love to have 75 meters as a national telephone system," he said. What does transpire on some amateur frequencies "is often an international embarrassment," he said.

"What kind of service is it when you're afraid to leave on the radio in the house or the car?" he asked. Hollingsworth said he even knew of a young Extra class amateur whose parents won't let him on 75 meters.

He asked law-abiding hams to not retaliate against hams who are offensive on the air or who break the law but to shun them instead. He also challenged each ham to recruit one newcomer into the hobby or to help another licensee to upgrade. Hollingsworth especially encouraged recruiting young girls into Amateur Radio. He delivered similar remarks during two other Dayton forums and received an enthusiastic reception—including a standing ovation.

In response to a question from the audience, Hollingsworth revealed that FCC officials on May 14 had attempted to visit the station of Glenn Baxter, K1MAN, in Belgrade Lakes, Maine. Baxter heads the American Amateur Radio Association; his on-the-air talk and news transmissions have been the subject of some controversy within the amateur community. Hollingsworth said that, although Baxter's station was on the air, no one came to the door, and the building appeared to be locked.

Hollingsworth and an FCC field office team from Detroit spent several hours doing enforcement work at the Hamvention itself. The field office personnel attempted, without success, to determine the sources of intentional interference on the

Hamvention's 2-meter talk-in frequency. At least one source appeared to be mobile. FCC personnel also cited or verbally warned several vendors about violations related to the sale of amplifiers.

Morse Debate Makes Page 1 Of Wall Street Journal

from *The ARRL Letter*

Hams checking the prestigious Wall Street Journal for the latest business news and stock quotes June 2 also found some Amateur Radio news—smack in the middle of page 1 and above the fold. A story by Staff Reporter Lee Gomes headlined "TO HAM OPERATORS, MORSE CODE TEST IS LIKE LATIN EXAM: Does It Keep the Barbarians At Bay, or Is It Fueling The Decline of a Culture?" discusses the current code versus no-code debate in Amateur Radio.

"What kind of service is it when you're afraid to leave on the radio in the house or the car?"

"Morse Code is a dying language in the Digital Age, but it's still required reading for amateur radio buffs," Gomes' story begins. His report outlines the broad strokes of the controversy and the impending FCC streamlining that is expected to address future Morse code requirements for amateurs. It also quotes the FCC's Bill Cross, W3TN, as "the FCC's lead staff person on the question," and reports that the FCC "is contemplating relaxing the Morse Code requirement."

Gomes cites Bruce Perens, K6BP, of No Code International, who—in Gomes words—considers Morse code "an antiquated technology" and "a turnoff for young people." "Perens is in the minority," Gomes asserts. "Most licensees don't want any change in the requirement—especially since they have already passed the test themselves."

Taking the opposite viewpoint in Gomes' article is Nancy Kott, WZ8C, of FISTS, which Gomes describes as a "militant pro-Morse group." Gomes says Kott "all but accuses the no-coders of taking bribes from ham radio makers" and claims they want the code requirements dropped to attract more hams and sell more equipment.

Gomes reports that FISTS members fear a lot of bad, on-air behavior "without the screening provided by the Morse Code requirement." Perens, Gomes says, is not concerned about a "post-Morse ham world inhabited by barbarians." Perens points out for the article that applicants still will have to pass "rigorous tests" to get a ticket. Besides, Gomes quotes Perens as saying, "The riff-raff have no reason to leave the Internet."

The article is silent on the issue of ITU regulations requiring a demonstration of Morse proficiency for HF operation and on the fact that a codeless class of Amateur Radio license already exists. And, at one point it refers to Morse code as "dits and duhs."

In the course of researching his article, Gomes contacted the ARRL for background information. The complete article is available via the Web for a fee to registered users of the Wall Street Journal's interactive page, <http://www.wsj.com>.



For Sale

- Kenwood Base Station for sale. Mint condition with no glitches, defects or scratches and has been used in a non-smoking environment. Will sell as a package or separately:

Kenwood TS 950S Digital Transceiver – \$1750.00
 Kenwood TL Linear Amplifier – \$ 900.00
 Kenwood SM 220 Station Monitor – \$ 250.00
 Kenwood MC 80 Microphone – \$ 100.00
 Kenwood SP 940 Speaker – \$ 100.00

Equipment has been used less than 100 hours. Have all manuals and original boxes. Is available for inspection upon reasonable notice.

- Hi-Gain 3 element beam and a Texas Towers crank-up tower. Buyer will have to one or both on the ground.

Please contact John (Jack) Edris, WA9IRH if interested.
 1870 S. Timber Ridge Rd.
 Bluffton, In
 (219) 824-3053
 e-mail "edres@parlorcity.com"

- "pole" style climbing belt for tower work. Long and strong belt with quick connect clamps, in good condition. \$10.

contact Don WB8HQS at 484-3317 or dagagnon@pipeline.com

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed. Thank you.

Battery Recycling Program Begun

Don't toss those used batteries on the trash! The Allen County Solid Waste District is teaming with Batteries Plus for a battery recycling program. Allen County residents are encouraged to bring their old batteries to the Batteries Plus, 105 W. Washington Center Rd. All types are accepted: vehicle, lawn mower, flash-light, calculator, camcorder, radio, camera, etc. Residents are particularly encouraged to recycle those batteries that are considered hazardous waste, those that contain mercury, lead, or cadmium.

SETI@Home Project

from *The ARRL Letter*

The answer is out there: Interested in the search for extra-terrestrial intelligence (SETI)? Have a computer in your shack? Then perhaps you might be willing to give up some CPU cycles to participate in the SETI@Home

Perhaps your computer will be the one that detects the signal that confirms the presence of other intelligent life in our universe.

project. The idea is this: You download a client application from the SETI@Home Web site, <http://setiathome.ssl.berkeley.edu/>, and after a little configuration, your computer is analyzing 2 MHz of radio spectrum that was recorded at Arecibo. The best part is that you can configure the application to run only when your system is idle. You can also interrupt the application

at any time, and it will pick up where it left off the next time you start it. Who knows? Perhaps your computer will be the one that detects the signal that confirms the presence of other intelligent life in our universe.—Mark Downing, WM7D

Editor's note: Software is available for Windows 95/98/NT, Macintosh PowerPC, and various varieties of UNIX.

Upcomming Regional Hamfests

June 13	Wheaton, IL
June 19	Midland, MI
June 20	Crown Point, IN
June 20	Monroe, MI
June 20	Macedonia, OH
July 10	Indianapolis, IN
July 11	Peotone, IL
July 18	Van Wert, OH
July 24	Cincinnati, OH
July 25	Franksville, WI
July 31	Bowling Green, KY
August 1	Randolph, OH
August 7	Quincy, IL
August 7	Columbus, OH
August 8	Peotone, IL
August 15	Jackson, MI
August 22	Lexington, KY
September 11	Spencer, IN
September 11-12	Louisville, KY
September 12	Findlay, OH
September 18	Rolling Meadows, IL
September 18-19	Peoria, IL
September 19	Adrian, MI
September 19	Cincinnati, OH
September 25-26	Grayslake, IL
September 26	Cleveland, OH
October 31	Marion, OH

Membership Data: (Give this form to the treasurer at any FWRC meeting or mail to the address below)

Name _____ Call _____ Class: ☐ N ☐ T ☐ G ☐ A ☐ AE

Street _____

City _____ State ____ Zip _____

Home Phone: _____

Work Phone: _____

E-mail: _____

MEMBERSHIP HANDBOOK -- Provided at no cost to club members, this handbook provides a full set of information about present and past club activities, events, and functions. The handbook is available in a clear cover binder, and is upgradeable by easy insertion of new pages into the binder.

The FWRC is moving toward electronic information distribution. Are you interested in receiving information from the club by E-MAIL? ☐ Y ☐ N

Shall we list your address and phone number in the membership roster ☐ Y ☐ N?

Are you presently an ARRL member ☐ Y ☐ N?

Membership Term: ☐ (Jan - Dec) ☐ (Jul - Dec)

Family Membership: ☐ \$21.00/yr ☐ \$10.50/yr immediate family (list all callsigns)

Regular Membership: ☐ \$15.00/yr ☐ \$7.50/yr licensed member

Student Membership: ☐ \$6.00/yr ☐ \$3.00/yr full time student

Associate Membership: ☐ \$15.00/yr ☐ \$7.50/yr unlicensed member

Your Check Number _____ please pay by check. It's easier for both of us.

Mail to: The Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

Fort Wayne Radio Club Repeaters

Voice: 146.76/16

146.94/34

444.875/449.875

ATV: 439.25 In, 910.250 Out

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, via e-mail WB9UZA at aol.com. Please put "for Hamsplatter" in the Subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for the July issue: 7/2/99.

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 2330 UTC (6:30 PM) on 146.88

Auburn: meets Mon, Wed., Thur., Fri., & Sat. at 2300 UTC (6 PM) on 147.015+

21 Repeater Group: meets each Wednesday at 0200 UTC (9 PM) on 147.150

Fort Wayne 6M net: meets nightly at 0000 UTC (7 PM) on 50.58 AM

Miscellaneous Nets

Huntington ARES: Sat/Tues at 0100 UTC (8 PM) on 146.685

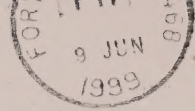
Portside: 3rd Wednesday at 0030 UTC (7:30 PM) on 444.300

Whitley Co. / ARES: Wednesdays at 0015 UTC (7:15 PM) on 145.270 - (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 0045 UTC (7:45 PM) on 444.550+. (The 146.460 simplex crossbanding from both nets has been dropped.)

Sloppy Code Net: Sundays at 0200 UTC (9 PM) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details.

Be sure to visit the Fort Wayne Radio Club on the Internet: <http://home1.gte.net/n9iww2/fwrc/>



THE FORT WAYNE RADIO CLUB
PO BOX 15127
FORT WAYNE, IN 46885

TO:

